

## A B S T R A C T

The method comprises the following steps:

- applying a watermarking function to motion vectors  
5       calculated by estimation of movement between images  
          of a video signal; and
- generating the watermarked video signal by  
          compensating movement with the aid of the  
          watermarked motion vectors.

10       The watermarking function is applied by:

- marking the coordinates of the selected motion  
          vector in a space, certain portions of this space  
          constituting a first zone and the other portions of  
          this space constituting a second zone complementary  
15       to the first;
- assigning a binary value to each of the two zones;  
          and
- where necessary, modifying the coordinates of the  
          selected motion vector so that it is in the zone  
20       whose binary value corresponds to a bit of a  
          marking key associated with the selected motion  
          vector.